

Title (en)

MEMBRANE FILTER AND BACKWASH METHOD FOR IT

Title (de)

MEMBRANFILTER UND RÜCKSPÜLVERFAHREN DAFÜR

Title (fr)

FILTRE A MEMBRANES ET PROCEDE DE LAVAGE A CONTRE-COURANT

Publication

EP 1551535 A1 20050713 (EN)

Application

EP 03747731 A 20031010

Priority

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Abstract (en)

[origin: US7938966B2] A filtration arrangement including one or more membrane modules (5) positioned vertically within a feed tank (6), each membrane module (5) having one or more membranes positioned therein. An aeration hood (10) having an upper wall (11) and one or more downwardly extending side walls (12, 13) is configured to at least partially shroud the membrane modules (5) within the tank (6). The aeration hood (10) includes a number of open-ended tubes (14), each extending downwardly from the upper wall (11) and forming a respective opening (15) therein. Each tube (14) is adapted to have at least one of the modules (5) mounted therein and extending through the respective openings (15) in the upper wall (11) so as to at least partially surround an outer periphery of an associated module or modules (5). One or more aeration openings (17) are provided in each tube (14) at a location spaced from a proximal end of the tube (16). The aeration hood side wall or walls (12, 13) extend to below the location of the aeration openings (17) in the tubes (14). Gas providing means (18) feed gas into the hood (10).

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IPC 8 full level

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